

FORM PTO-1449
(REV. 7-80)

AUG 24 2001

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
100086.409APPLICATION NO.
09/185,908SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Orest W. Blaschuk et al.

FILING DATE

November 3, 1998

GROUP ART UNIT

1644

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AG	WO 95/06122	3/2/95	WIPO		X
AO	AH	WO 97/26001	7/24/97	WIPO ✓		✓ NA
	AI					
	AJ					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	AK	✓	Aberle et al., "β-catenin is a target for the ubiquitin-proteasome pathway," <i>The EMBO Journal</i> 16(13): 3797-3804, 1997.
↓	AL	✓	Furuse et al., "A Single Gene Product, Claudin-1 or -2, Reconstitutes Tight Junction Strands and Recruits Occludin in Fibroblasts," <i>The Journal of Cell Biology</i> 143(2): 391-401, October 19, 1998.
↓	AM	✓	Hanna et al., "Localization of the Receptor-binding Region of <i>Clostridium perfringens</i> Enterotoxin Utilizing Cloned Toxin Fragments and Synthetic Peptides," <i>The Journal of Biological Chemistry</i> 266(17): 11037-11043, June 15, 1991.
↓	AN	✓	Sonoda et al., " <i>Clostridium perfringens</i> Enterotoxin Fragment Removes Specific Claudins from Tight Junction Strands: Evidence for Direct Involvement of Claudins in Tight Junction Barrier," <i>The Journal of Cell Biology</i> 147(1): 195-204, October 4, 1999.

EXAMINER

Cm De Plume

DATE CONSIDERED

1-25-02

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Orest W. Blaschuk and Barbara J. GourFILING DATE
November 3, 1998GROUP ART UNIT
1643/644

MAR 02 1999

U.S. PATENT DOCUMENTS

GROUP 180

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

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	AJ					
	AK					
	AL					
	AM					
	AN					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AD	AO	✓	Briehl and Miesfeld, "Isolation and Characterization of Transcripts Induced by Androgen Withdrawl and Apoptotic Cell Death in the Rat Ventral Prostate," <i>Molecular Endocrinology</i> 5: 1381-1388, 1991.
	AP	✓	Furuse et al., "Claudin-1 and -2: Novel Integral Membrane Proteins Localizing at Tight Junctions with No Sequence Similarity to Occludin," <i>The Journal of Cell Biology</i> 141(7): 1539-1550, 1998.
	AQ	✓	Katahira et al., "Molecular Cloning and Functional Characterization of the Receptor for <i>Clostridium perfringens</i> Enterotoxin," <i>The Journal of Cell Biology</i> 136(6): 1239-1247, 1997.
	AR	✓	Katahira et al., " <i>Clostridium perfringens</i> Enterotoxin Utilizes Two Structurally Related Membrane Proteins as Functional Receptors <i>in Vivo</i> ," <i>The Journal of Biological Chemistry</i> 272(42): 26652-26658, 1997.

EXAMINER

Amy DeClume

DATE CONSIDERED

1-28-02

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if no, t in conformance and not considered. Include copy of this form with next communication to applicant(s).-